

# Comparisons of Job Characteristics

**Focus Occupation:** [Emergency Medical Technicians and Paramedics \(29-2041\)](#)

**Associated Occupation:** [Firefighters \(33-2011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 64

**Focus Occupation:** Emergency Medical Technicians and Paramedics (29-2041)

**Associated Occupation:** Firefighters (33-2011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Public Safety and Security	6.9	15.5	12.4	<	Expanded education and/or training may be required
Mechanical	6.8	13.6	5.6	<<	Extensive education and/or training may be required
Geography	3.9	11.6	6.0	<<	Extensive education and/or training may be required
Building and Construction	4.0	11.3	4.9	<<	Extensive education and/or training may be required
Transportation	4.6	9.6	11.7	>	Current knowledge level is likely sufficient
Telecommunications	3.9	8.8	7.5	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 70

**Focus Occupation:** Emergency Medical Technicians and Paramedics (29-2041)

**Associated Occupation:** Firefighters (33-2011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Coordination	9.1	12.0	11.6	0	Current skill level may be sufficient
Service Orientation	7.9	10.9	11.9	0	Current skill level may be sufficient
Operation Monitoring	6.6	10.7	9.1	<	A higher skill level may be required
Operation and Control	5.4	10.3	9.1	<	A higher skill level may be required
Equipment Maintenance	3.5	8.2	2.1	<<	Extensive development of skills in this area may be required

Troubleshooting	4.5	8.0	5.4	<<	Extensive development of skills in this area may be required
Repairing	3.4	7.3	1.0	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	6.7	3.7	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 76			
Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041) Associated Occupation: Firefighters (33-2011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reaction Time	4.8	13.0	8.8	<<	Extensive improvement in abilities may be required
Static Strength	5.0	12.7	11.0	<	Some improvement in abilities may be required
Dynamic Strength	3.5	11.8	4.4	<<	Extensive improvement in abilities may be required
Stamina	4.0	11.6	6.5	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	10.0	6.8	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	9.7	6.1	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	9.5	6.4	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	8.2	5.6	<<	Extensive improvement in abilities may be required
Night Vision	2.1	7.2	5.0	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	6.4	4.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87	
Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041) Associated Occupation: Firefighters (33-2011)			
Work Activities		Exclusivity of Activity	
Communicate technical information		4	
Drive emergency rescue or firefighting vehicles		92	
Follow police or emergency radio regulations		87	

Operate emergency fire or rescue equipment	80
Use emergency medical procedures	64
Use first aid procedures	70
Use hazardous materials information	35
Use rescue procedures	87
Use two-way radio or mobile phone	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 81

**Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)**  
**Associated Occupation: Firefighters (33-2011)**

Tools and Technologies	Exclusivity
Blood pressure units and related products	11
Casting and splinting supplies	25
Computers	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dock equipment	40
Electrocardiography EKG units and related products	20
Emergency and field medical services kits	19
Emergency medical services airway management equipment	56
Emergency medical services extricating and immobilizing and transporting products	35
Emergency medical services resuscitation products	15
Forming tools	2
Industry specific software	1
Oxygen therapy delivery systems and devices	13
Patient point of care testing supplies and equipment	23
Personal communication devices	2
Prying and bending tools	10
Pulse oximeters	18
Restraints and accessories	37
Resuscitation supplies	29
Safety and rescue vehicles	37
Safety apparel	4
Stethoscopes and related products	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.